

**Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A dialysate precursor composition comprising citrate at a concentration ranging from about 20 to about 900 mEq/L; a buffering anion selected from acetate and/or lactate; water; chloride at a concentration ranging from about 1,000 to about 7,000 mEq/L; at least one physiologically-acceptable cation; and a therapeutically effective amount of ~~iron~~ferric form of iron.
2. (Cancelled)
3. (Previously Presented) The dialysate precursor composition of claim 1 wherein the buffering anion is at a concentration ranging from about 0.01 to about 150 mEq/L.
4. (Cancelled)
5. (Previously Presented) The dialysate precursor composition of claim 1 comprising citrate at a concentration ranging from about 70 to about 150 mEq/L.
6. (Previously Presented) The dialysate precursor composition of claim 1 wherein the buffering anion is at a concentration ranging from about 0.3 to about 125 mEq/L.
7. (Cancelled)
8. (Previously Presented) The dialysate precursor composition of claim 1 wherein the physiologically-acceptable cation is selected from a group consisting of hydrogen, sodium, potassium, calcium, magnesium, and combinations thereof.
9. (Previously Presented) The dialysate precursor composition of claim 1, further comprising a sugar selected from glucose, a poly(glucose), and fructose at a concentration of less than about 2,700 g/L.

10. (Previously Presented) The dialysate precursor composition of claim 1 wherein the citrate is selected from a group consisting of citric acid, sodium dihydrogen citrate, disodium hydrogen citrate, trisodium citrate, trisodium citrate dihydrate, potassium dihydrogen citrate, dipotassium hydrogen citrate, calcium citrate, and magnesium citrate; wherein the acetate is selected from a group consisting of acetic acid, sodium acetate, sodium acetate trihydrate, potassium acetate, calcium acetate, calcium acetate monohydrate, magnesium acetate, and magnesium acetate tetrahydrate; and wherein the lactate is selected from a group consisting of lactic acid, sodium lactate, potassium lactate, calcium lactate and magnesium lactate trihydrate.

11. (Previously Presented) The dialysate precursor composition of claim 1 wherein the water meets or exceeds the purity requirements established by the Association for the Advancement of Medical Instrumentation (AAMI) for dialysate, and all other components have at least United States Pharmacopeia (USP)-grade purity.

12. (Previously Presented) The dialysate precursor composition of claim 1 having a pH ranging from about 1 to about 6.5 at a temperature of about 15°C to about 40°C.

13. (Currently Amended) The dialysate precursor composition of claim 1 comprising chloride at a concentration ranging from about 2,000 to about 5,000 mEq/L; citrate at a concentration ranging from about 70 to about 150 mEq/L; acetate at a concentration ranging from about 0.3 to about 125 mEq/L; at least one physiologically-acceptable cation selected from hydrogen, sodium at a concentration ranging from about 2,000 to about 5,000 mEq/L, potassium at a concentration of less than about 250 mEq/L, calcium at a concentration of less than about 250 mEq/L, and magnesium at a concentration of less than about 100 mEq/L; glucose at a concentration of less than about 2,700 g/L; and a therapeutically effective amount of ~~iron~~ferric form of iron, where the composition at least meets the AAMI standard set for dialysate.

14. (Currently Amended) The dialysate precursor composition of claim 1 wherein the ~~iron is present in its ferric form~~ferric form of iron is ferric citrate.

15. (Previously Presented) The dialysate precursor composition of claim 1 further comprising one or more trace elements.

16.-60. (Cancelled)

61. (Currently Amended) A dry dialysate precursor composition ~~comprising~~ consisting essentially of a source of chloride, a source of citrate, a source of a buffering anion, and a source of a physiologically-acceptable cation, wherein upon mixing the dry dialysate precursor composition with water, the chloride is present in a concentration ranging from about 1,000 to about 7,000 mEq/L, the citrate is present in a concentration ranging ~~from~~from about 20 to about 900 mEq/L, and the buffering anion is present in a concentration ranging from about 0.01 to about 150 mEq/L.

62. (Previously Presented) The dry dialysate precursor composition of claim 61 wherein the source of the buffering anion is an acetate salt and/or a lactate salt.

63. (Previously Presented) The dry dialysate precursor composition of claim 61 wherein, upon mixing the dry dialysate precursor composition with water, the citrate is present in a concentration ranging from about 70 to about 150 mEq/L.

64. (Previously Presented) The dry dialysate precursor composition of claim 61 wherein, upon mixing the dry dialysate precursor composition with water, the buffering anion is present in a concentration ranging from about 0.3 to about 125 mEq/L.

65. (Previously Presented) The dry dialysate precursor composition of claim 61 wherein the physiologically-acceptable cation is selected from a group consisting of hydrogen, sodium, potassium, calcium, magnesium, and combinations thereof.

66. (Currently Amended) ~~The~~A dry dialysate precursor composition consisting essentially of a source of chloride, a source of citrate, a source of a buffering anion, a source of a physiologically-acceptable cation and a sugar selected from glucose, a poly(glucose), and fructose, wherein upon mixing the dry dialysate precursor composition with water the chloride is present in a concentration ranging from about 1,000 to about 7,000 mEq/L, the citrate is present in a concentration ranging from about 20 to about 900 mEq/L, the buffering anion is present in a concentration ranging from about 0.01 to about 150 mEq/L and ~~of claim 61 further comprising a sugar selected from glucose, a poly(glucose), and fructose, wherein, upon mixing the dialysate~~

~~precursor composition with water,~~ the sugar is present in a concentration of less than about 2,700 g/L.

67. (Previously Presented) The dry dialysate precursor composition of claim 61 wherein the source of citrate is selected from a group consisting of citric acid, sodium dihydrogen citrate, disodium hydrogen citrate, trisodium citrate, trisodium citrate dihydrate, potassium dihydrogen citrate, dipotassium hydrogen citrate, calcium citrate, and magnesium citrate.

68. (Currently Amended) ~~The dry dialysate precursor composition of claim 61 further comprising iron~~A dry dialysate precursor composition consisting essentially of a source of chloride, a source of citrate, a source of a buffering anion, a source of a physiologically-acceptable cation and a ferric form of iron, wherein upon mixing the dry dialysate precursor composition with water the chloride is present in a concentration ranging from about 1,000 to about 7,000 mEq/L, the citrate is present in a concentration ranging from about 20 to about 900 mEq/L, the buffering anion is present in a concentration ranging from about 0.01 to about 150 mEq/L, and the ferric form of iron is present in a therapeutically effective amount.

69. (Currently Amended) The dry dialysate precursor composition of claim 68 wherein the iron is present in its ferric formferric form of iron is ferric citrate.

70.-73. (Cancelled)

74. (Currently Amended) ~~The dry dialysate precursor composition of claim 61 further comprising one or more trace elements~~A dry dialysate precursor composition consisting essentially of a source of chloride, a source of citrate, a source of a buffering anion, a source of a physiologically-acceptable cation and one or more trace elements, wherein upon mixing the dry dialysate precursor composition with water the chloride is present in a concentration ranging from about 1,000 to about 7,000 mEq/L, the citrate is present in a concentration ranging from about 20 to about 900 mEq/L, and the buffering anion is present in a concentration ranging from about 0.01 to about 150 mEq/L.